



PATENT

Case Docket No. WAKAB82.001AUS

Date: January 9, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Kazumasa Masuda, et al.  
Appl. No. : 10/657,440  
Filed : September 8, 2003  
For : LIQUID INJECTOR FOR  
INJECTING CONTRAST  
MEDIUM AT VARIABLE  
RATE INTO A SUBJECT WHO  
IS TO BE IMAGED BY  
IMAGING DIAGNOSTIC  
APPARATUS  
Examiner : Unknown  
Group Art Unit : 3737

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

January 9, 2004

(Date)

Katsuhiro Arai, Reg. No. 43,315

TRANSMITTAL LETTER

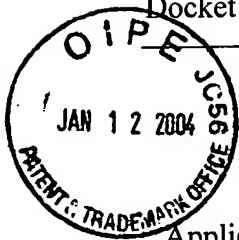
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with six (6) references.
- (X) A copy of the Communication from the European Patent Office.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Katsuhiro Arai  
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## INFORMATION DISCLOSURE STATEMENT

Applicant : Kazumasa Masuda, et al.  
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APPARATUS  
Examiner : Unknown  
Group Art Unit : 3737

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing six (6) references that are also enclosed.


This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: January 9, 2004

By:

  
Katsuhiro Arai  
Registration No. 43,315  
Agent of Record  
Customer No. 20,995  
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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
WAKAB82.001AUSAPPLICATION NO.  
10/657,440INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Kazumasa Masuda, et al.FILING DATE  
September 8, 2003GROUP  
3737

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE     | NAME                        | CLASS | SUBCLASS | FILING DATE<br>(IF APPROPRIATE) |
|---------------------|----|-----------------|----------|-----------------------------|-------|----------|---------------------------------|
|                     | 1. | 5,450,847       | 09/19/95 | Michael Kämpfe, et al.      |       |          |                                 |
|                     | 2. | 5,592,940       | 01/14/97 | Michael Kämpfe              |       |          |                                 |
|                     | 3. | 5,840,026       | 11/24/98 | Arthur E. Uber, III, et al. |       |          |                                 |
|                     |    |                 |          |                             |       |          |                                 |
|                     |    |                 |          |                             |       |          |                                 |
|                     |    |                 |          |                             |       |          |                                 |
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|                     |    |                 |          |                             |       |          |                                 |

## FOREIGN PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE     | COUNTRY  | CLASS | SUBCLASS | TRANSLATION |    |
|---------------------|----|-----------------|----------|--|-------|----------|-------------|----|
|                     |    |                 |          |  |       |          | YES         | NO |
|                     | 4. | EP 0576 740 A1  | 01/05/94 | Europe (equivalent to US5,408,847 and 5,592,940) |       |          | abstract    |    |
|                     | 5. | WO 97/21456     | 06/19/97 | World Intellectual Property Organization         |       |          |             |    |
|                     | 6. | WO 01/7442 A1   | 10/11/01 | World Intellectual Property Organization         |       |          |             |    |
|                     |    |                 |          |  |       |          |             |    |
|                     |    |                 |          |  |       |          |             |    |
|                     |    |                 |          |  |       |          |             |    |

| EXAMINER<br>INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |  |
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| EXAMINER   | DATE CONSIDERED |
|--|-----------------|
| *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT. |                 |